

PTO/SB/08a (05-03)
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2		Complete if Known	
Application Number		10/789,210	
Filing Date		February 27, 2004	
First Named Inventor		T.J. Piona	
Art Unit		3663	
Examiner Name		Unknown	
Attorney Docket Number		26.0273 US	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>[Handwritten initials]</i>		US- 4,594,691	08-10-1986	C.V. Kimball, et al.	
		US- 4,698,792	10-08-1987	A. L. Kurkjian	
		US- 5,077,697	12-31-1991	S-K. Chang	
		US- 5,278,805	01-11-1994	C.V. Kimball	
		US- 6,614,716	09-02-2003	T. Piona, et al.	
		US- 2002/0183930	12-05-2002	T. Piona, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	<i>Scott A. Hughes</i>	Date Considered	9/28/2005
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PTO/SB/05b(05-03)

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/789,210
		Filing Date	February 27, 2004
		First Named Inventor	T.J. Piona
		Art Unit	3663
		Examiner Name	Unknown
Sheet	2	of	2
		Attorney Docket Number	26.0273 US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SAH		T.J. Piona, M.R. Kinn, B. Sinha and J. Walsh, "Evaluating Stress-Induced Anisotropy and Mechanical Damage From Cross-Dipole Sonic Data Using Dispersion Analysis", SPE/ISRM 78233, 2002.	
SAH		C.V. Kimball, T.L. Murzella, "Seismic processing of borehole acoustic array data", Geophysics Vol. 49, No. 3, pp. 274-281, 1984	
SAH		Lang, S.W., Kurkjian, A.L., McClellan, J.M., Morris, C.F., and Parks, T.W., "Estimating slowness dispersion from arrays of sonic logging waveforms", Geophysics, 52, pp. 530-544.	
SAH		Sinha, B.K., Norris, A.N., and Chang, S.K., "Borehole flexural modes in anisotropic formations", Geophysics, 59, pp. 1037-1052.	
SAH		Brie, A., Kimball, C.V., Pabon, J., and Salki, Y., 1997, "Shear slowness determination from dipole measurements", 38th SPWLA Ann. Inter. Symp.	
SAH		Endo, T., Pietro, V., Brie, A., 1999, "Optimum Slowness Evaluation from Sonic Waveform Data", 5th Well Logging Symp. of Japan.	
SAH		Piona, T., Sinha, B., Kane, M., Shandy, R., Bose, S., Walsh, J., Ikogami, T., Endo, T., Skelton, O., "Mechanical Damage Detection and Anisotropy Evaluation using Dipole Sonic Dispersion Analysis", 2002, 43th SPWLA Ann. Inter. Symp., Paper KK	
SAH		Lu, C.C. and Liu, Q.H., 1995, "A three-dimensional dyadic Green's function for elastic waves in multiphase cylindrical structures," J. Acoust. Soc. Am., v.98, pp. 2825-2835.	
SAH		Sinha, B.K., Asvadurov, S., 1990, "Higher-order modes in a fluid-filled borehole", 1990, IEEE Ind. Ultrasonics Symp. Proc., v. 2, pp. 1115-1120.	
SAH		Sinha, B., Kostek, S., Piona, T.J., Chang, S.K., 1992, "Axisymmetric wave propagation in fluid-loaded cylindrical shells", Part I, J. Acoust. Soc. Am., 92, pp. 1132-1143.	

Examiner Signature	<i>Scott A. Hughes</i>	Date Considered	9/28/2005
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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